

104787-MEC-158GOST-E-1985

Shift Manager & Safety Controller

Holds a B. Sc. in Mechanical Power Engineering and Master degree in Power Plant Technology. Has about 31 years experience, including more than 25 years experience in power generation (combined cycle) and desalination Plants & 4 years experience in different technical fields (HVAC & vehicles & cranes & internal combustion engines (turbocharged & natural aspirated)).

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently Abu Dhabi, UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 1985
: Master degree in Power Plant Technology, Mansoura University, 1995

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Management & Leaderships training course (Emirates University), UAE.
: Disaster management course (Alhosn University), UAE.
: B.L. S (basic life support) training course (Al Noor Hospital) – Abu Dhabi, UAE.
: Safety controller training course & ITM O&M Com. Ltd safety rules, UAE.
: Training course in HRSG (HP steam) and its auxiliaries by (DOOSAN), UAE.
: Training course for GT 9FA-GE (Mark VI), by TOSHIBA Company, UAE.
: EX2100 generator excitation and protection course by GE Company, UAE.
: Operation of desalination plant (MFS and MED-DOOSAN, SIDEM), UAE.
: EDL training course as official reporting and coordinating with LDC, UAE.
: Operating & maintenance of 140MW steam turbine (ALSTOM), Egypt.
: Operating & maintenance of 135MW gas turbine (SIEMENS-V94.2), Egypt.
: Operation & maintenance of HRSG (BORSIG), Egypt.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2003 till now
Employer : Arabian Power Company
Project : POWER AND DESALINATION PLANT, UAE
Job title : SHIFT MANAGER & SAFETY CONTROLLER
Job Description :

- Manage operation staff to achieve the safe and economy plant operation conditions.
- Manage the shift staff to insure compliance with the HSE rules.
- Coordinating with dispatcher central control to keep the grid under safe operation.
- Coordinating with LDC for declaration availability of the plants through EDL system.
- Reporting management all plant accidents and environmental issues to ensure all measurements according to HSE policy-rules and regulations.
- Preparation all safety documents issuing & cancellation through the eclipse system.

Dates : From Dec. 2000 till Jul. 2003
Project : UMNAR POWER PLANT, UAE
Job title : S. OPERATOR
Job Description :

- 5x220MW gas turbine units (9FA-GE).
- 2x308MW back pressure steam turbine units (TOSHIBA).
- 5 x 550 T/h HP steam HRSG (DOOSAN).
- 7 x 12.5 MGD - Desalination units MFS and 3.5 MGD MED.
- Fuel gas system, Fuel oil system, Re-mineralization, Demineralization, Hypo-chlorination plants and sea water intake equipments.

Dates : From 1996 till 2000
Project : COMBINED CYCLE POWER PLANT (1250MW), Egypt
Job title : SHIFT CHARGE ENGINEER
Job Description :

- Manage operation shift staff to do their best to operate the plant eff.
- Keeping the plant under safe and economy operation conditions, avoiding any breakdown for plant equipments.
- Coordinating with dispatcher central control to keep the grid under safe operation.
- Reporting the management for all accidents and operation abnormalities.
- Raising defect cards and issuing work permits through amply Zima vex system.
- Make sure all electrical & mechanical isolations are correctly carried out.
- All safety rules during isolation for maintenance purposes are observed.

Dates : From 1991 till 1996
Project : COMBINED CYCLE POWER PLANT, Egypt

- 3x140MW steam turbine (ALSTOM) & 6 x 250 t/h - 65 HRSG bar (BORSIG).
- 5x135MW gas turbine (V94.2 SIEMENS).

Job title : S. OPERATOR (DCS (Westinghouse))

Job Description : Responsible for:

- Units start-up, shut down & Fuel change over (BUF fuel & and mixed fuel).
- All routine tests (Over speed, compressor surge, and A/C& DC oil pumps availability).
- 220KV SF6 isolation (AEG) switchgear carry out switching on/off the CBs & isolators and earthing switch for units and transmission lines.
- BOP CCCW, IAC, F.O treatment plant (gas turbines fuel), Waste fuel oil treatment.
- 2x3MW BSD generators (N8-CATERPILLER).

Dates : From 1989 till 1990

Employer : Vegetables Manufacturing Company, Egypt

Job title : TECHNICAL ENGINEER

Job Description :

- O&M for cooling and freezing equipments, food manufacturing equipments.
- Operating & routine maintenance for emergency diesel generator (VOLVO).

Dates : From 1986 till 1988

Employer : Egyptian Army

Job title : OFFICER ENGINEER

Job Description : Leader of platoon, responsible to lead and manage platoon team, workshop for maintenance of vehicles and cranes (hydraulic system), finance matters related to spare parts purchasing & preparing planning schedule for routine maintenance.

Field of experience :

- More than 25 years' experience in power generation (combined cycle) and desalination Plants & 4 years experience in different technical fields (HVAC & vehicles & cranes & internal combustion engines (turbocharged & natural aspirated).
- Management capability to operation staff ensuring the plant is operated safely, efficiently and in compliance with the PWPA & all legislation and regulations related to HSE.
- Proper management of HSE risk involved the operation staff and maintenance activities by company members or contractors considering the LTA.
- Management experience in construction work in power plant (GT 9FA-GE).
- Co-operated in commissioning of gas turbine units (SIEMENS V94.2).
- Co-operated in commissioning of desalination plant (MFS).
- Manage and actively participate in all site OH&S and Environmental initiatives (emission, water quality, noise, air quality) as per PWPA requirements.
- Co-coordinating with planning and maintenance to achieve the plant availability.
- Good knowledge in the chemical dosing systems for power and desalination plants.
- Conversant with ECLIPES & MAXIMO/CMMMS systems.
- Co-operated as incident controller in fire fighting drill mock.

- Proposal to modify the starting system for CATERPILLER L8 diesel generator.
- Proposal in the brine recycle system MFS distiller to protect the BRPs and water box tubes.